1 Internal rechargeable batteries (DC module)

The internal rechargeable batteries are intended for emergency power supply, not for normal operation.

1.1 Replacing the rechargeable batteries

1 Switch off the machine.

2 Unplug the power plug of the machine from the socket-outlet.

3 Remove the screws (Fig. 1/1).

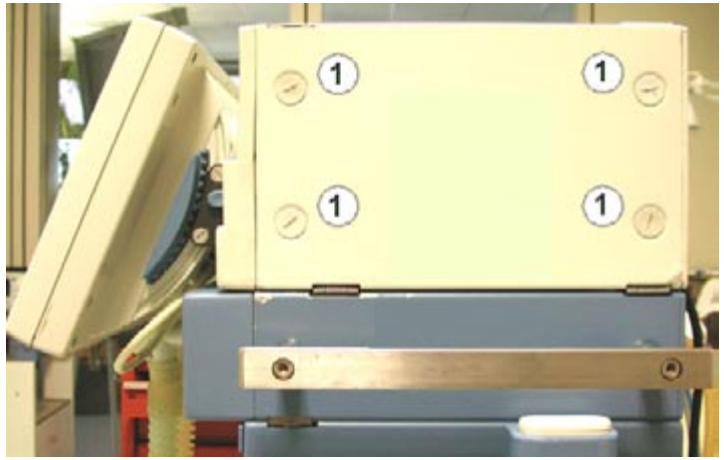

Fig. 1 Right side view of the machine

4 Remove the screws (Fig. 2/1) and the screw of the optional locking mechanism (Fig. 2/2).

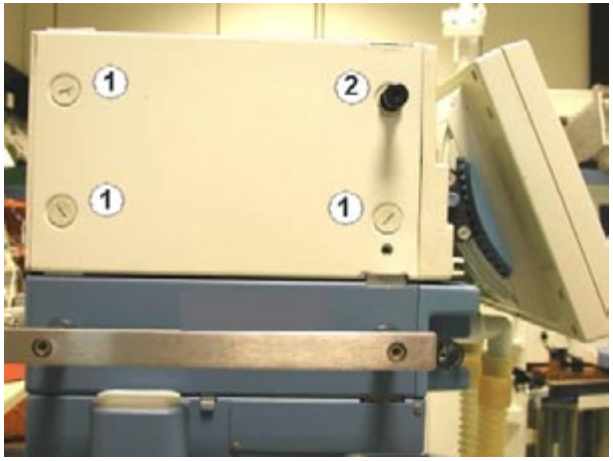

Fig. 2 Left side view of the machine

5 Remove the screw (Fig. 3/1).

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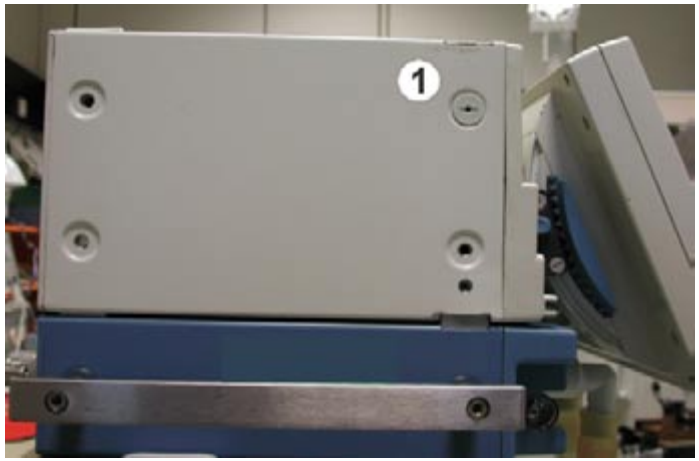

Fig. 3 Left side view of the machine

6 Remove the cover of the machine and put it aside.

7 Remove the screw (Fig. 4/1) and the cable retainer.

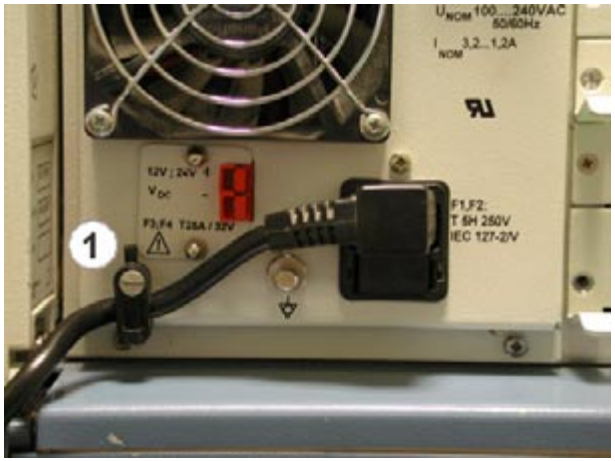

Fig. 4 Rear view of the machine, cable retainer

8 Remove the power cable from the power pack and put the power cable aside.

9 Remove the screws (Fig. 5/1).

10 Remove the power pack from the machine and place it on a stable, scratch-resistant surface.

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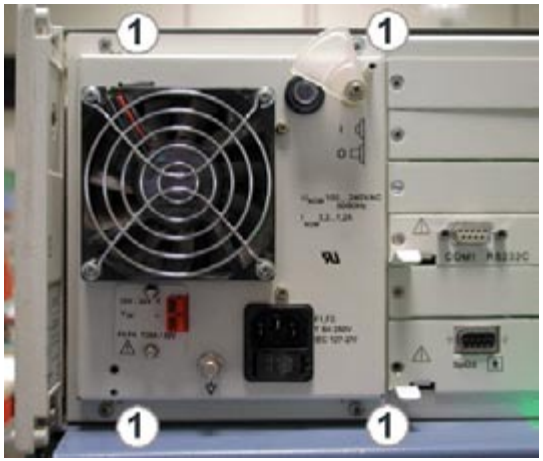

Fig. 5 Rear view of the machine

11 Remove the screws (Fig. 6/1) and put the cover plate aside.

Fig. 6 Power pack, dismounted

12 Slide the plug-in connector (Fig. 7/1) off the plug-in contact.

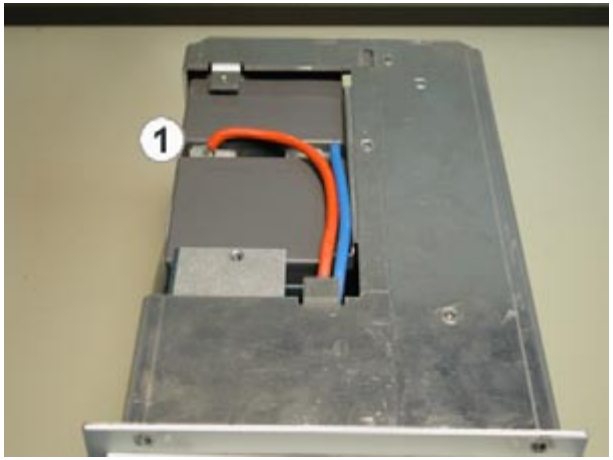

Fig. 7 Plug-in connector (1)

13 Pull the spent rechargeable battery slightly out and slide the plug-in connector (Fig. 8/1) off the plug-in contact.

Spent, rechargeable batteries are special waste and must be disposed of in accordance with local waste disposal regulations.

14 Remove spent, rechargeable batteries and dispose of according to local waste disposal regulations.

Fig. 8 Plug-in connector (2)

15 Pull the second, spent rechargeable battery slightly out and slide the plug-in connector (Fig. 9/1) off the plug-in contact.

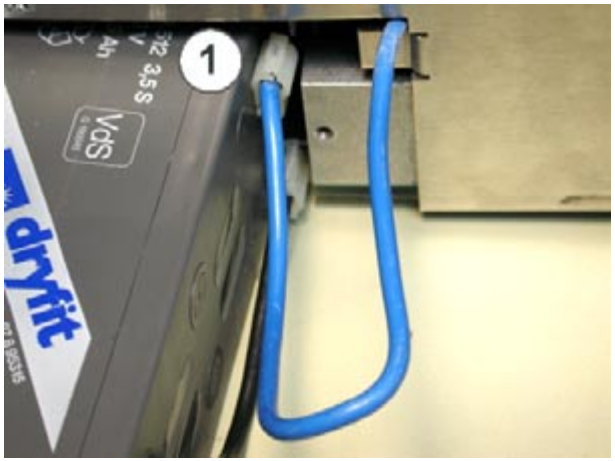

Fig. 9 Blue plug-in connector (3)

16 Remove the spent, rechargeable battery from the machine.

17 Slide the cable link (Fig. 10/1) off the plug-in contact of the spent rechargeable battery.

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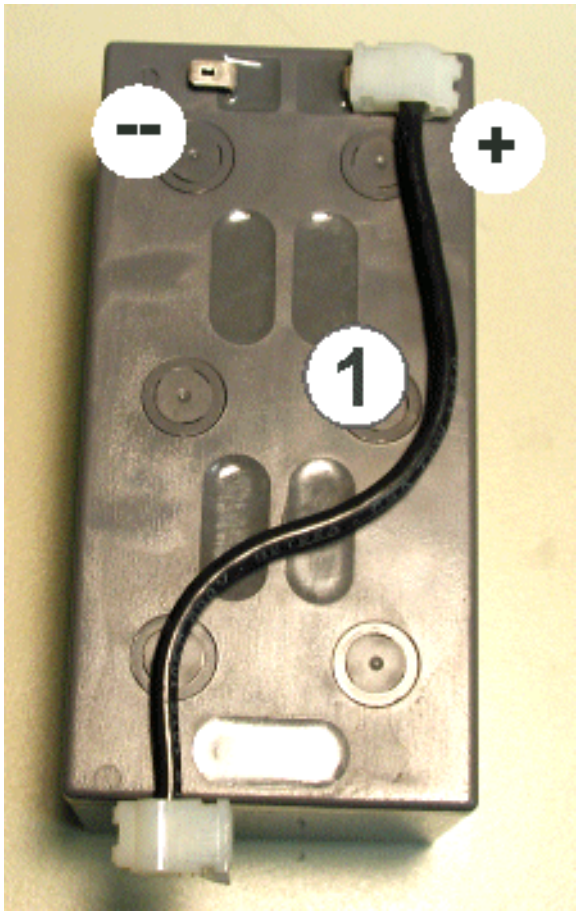

Fig. 10 Cable link

Spent, rechargeable batteries are special waste and must be disposed of in accordance with local waste disposal regulations.

18 Dispose of spent, rechargeable battery according to local waste disposal regulations.

An incorrect connection between the rechargeable batteries will damage the rechargeable batteries and the power pack. Make sure the rechargeable batteries are connected correctly.

19 Slide the cable link (Fig. 10/1) onto the plug-in contact “+“ of the new rechargeable battery (Note: Make sure the polarity is correct!).

20 Slide the blue plug-in connector (Fig. 11/1) onto the plug-in contact “--“ of the new rechargeable battery, and push the new rechargeable battery (pointing to the rear) into the power pack.

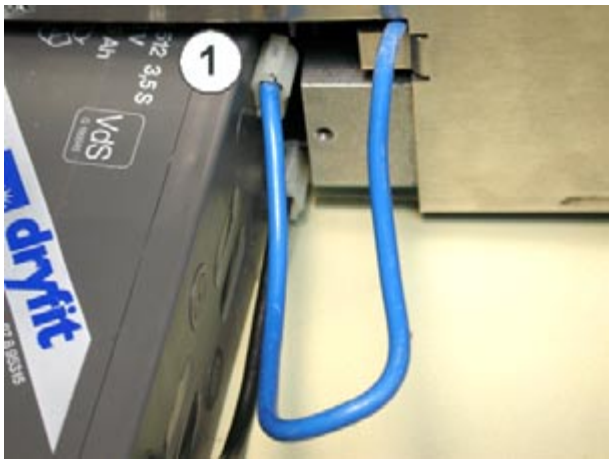

Fig. 11 Blue plug-in connector (3)

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21 Push the second rechargeable battery slightly into the power pack, and slide the plug-in connector of the cable link (Fig. 12/1) onto the plug-in contact “--“.

Fig. 12 Plug-in connector (2)

22 Slide the red plug-in connector (Fig. 13/1) onto the plug-in contact “+“.

Fig. 13 Red plug-in connector (1)

23 Place the cover plate onto the power pack and secure it to the power pack with the screws (Fig. 14/1).

Fig. 14 Power pack, dismounted

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24 Push the power pack into the machine.

25 Secure the power pack to the machine with the screws (Fig. 15/1).

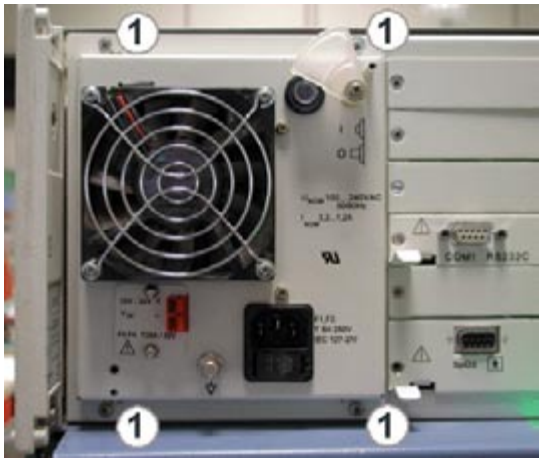

Fig. 15 Rear view of the machine

26 Secure the cable retainer to the power pack with the screw (Fig. 16/1).

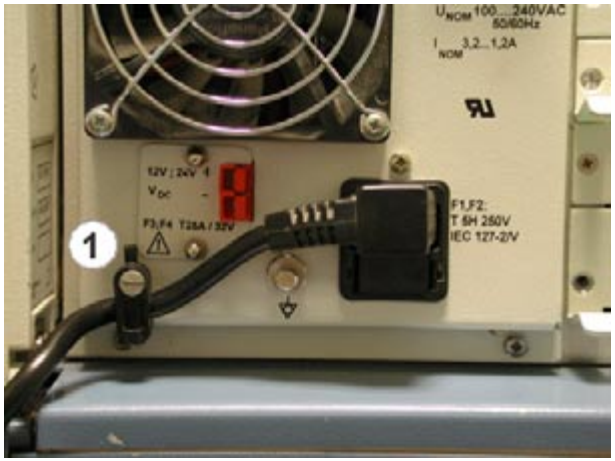

Fig. 16 Rear view of the machine, cable retainer

27 Place the cover with the groove into the front of the machine and push the cover down.

28 Use the screws (Fig. 17/1) to attach the cover.

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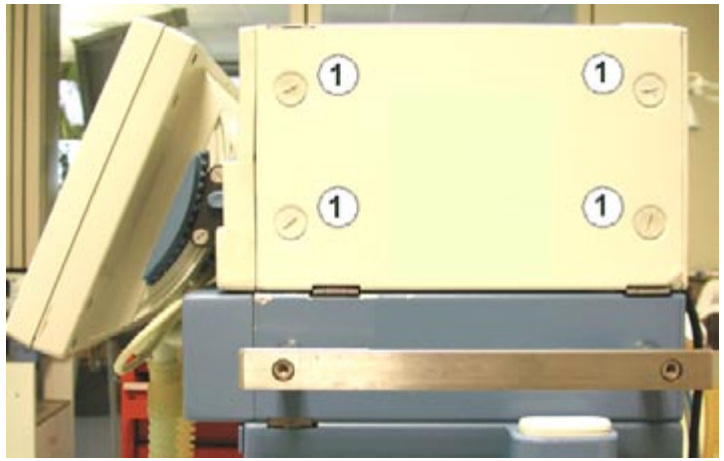

Fig. 17 Right side view of the machine

29 Secure the cover to the machine with the screw (Fig. 18/1) (Note: The screw has a hole in the center which is intended for the optional “locking mechanism“.).

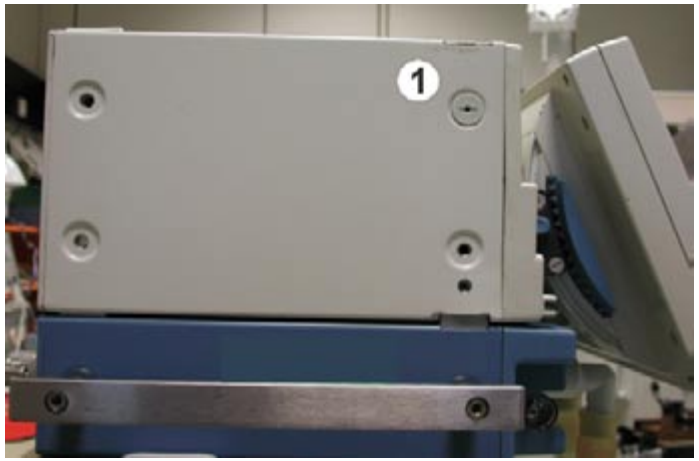

Fig. 18 Left side view of the machine

30 Use the screws (Fig. 19/1) to attach the cover.

31 Attach the “locking mechanism“ with the screw (Fig. 19/2).

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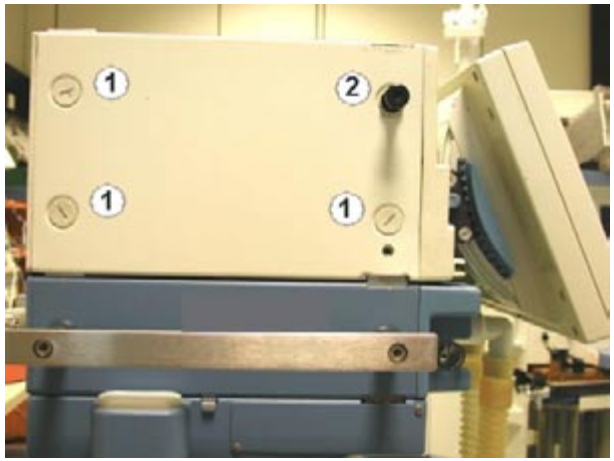

Fig. 19 Left side view of the machine

The internal rechargeable batteries of the DC power pack will reach their full capacity after a 24-hour charging period.

Discharged rechargeable batteries must be recharged for several hours in standby mode, otherwise this could lead to malfunctions, such as relay noise during DC operation.

32 Check the electrical safety and the correct functioning of the machine as described in the PMS procedure.